Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Fishbowl Homeostasis Date:\_\_\_\_\_\_\_\_\_\_\_\_



Homeostasis is the regulation of an organism’s internal environment to maintain conditions needed for life. Below you will see some important parts of a fish bowl that help to maintain a healthy environment for fish to live, much like the parts of a human that are involved in maintaining homeostasis. Your job is to indicate which parts of a human would relate to each part of a fish tank. Then, write the role of each part in a human. Finally, indicate in general what would happen if each of the parts were not at a healthy/normal level. The first one is done for you as an example.

1. **Water**

Human- bodily fluids Role- internal environment

If this was not maintained at a healthy level, chemical reactions in the body would not be possible, which would throw off important bodily functions.

2. **Glass bowl**

3. **Fish**

4. **Air pump**

5. **Filter**

6. **Heater**

7. **Feeder**